

EFFICIENT CONTROL FOR SMOOTHLY AND RAPIDLY STARTING UP AN ABSORPTION CHILLER

ABSTRACT OF THE DISCLOSURE

An absorption chiller system has an efficient start-up control that monitors system condition, and in particular the absorption solution temperature. The system limits the amount of heat delivered into the absorption chiller generator, to provide a gradual rise in the absorption solution temperature at start-up. In this manner, undesirable noise vibration and rapid thermal expansion, which may have occurred in the past is reduced or eliminated.

N:\Clients\UNITED TECHNOLOGIES\IP00008\PATENT\Application.doc